

# Memo

**To:** Trustee Cecola  
**From:** Robert Kosin  
**cc:** Village President, Board of Trustees, Village Engineer  
**Date:** March 25, 2016  
**Re:** Cuba Road Bridge Name Plate

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As the construction continues with Cuba Road Bridge, it is entering the phase for obtaining the name plate. The original name plate from 1974 was removed and is not reusable as it contains specific information about the design of the then bridge.

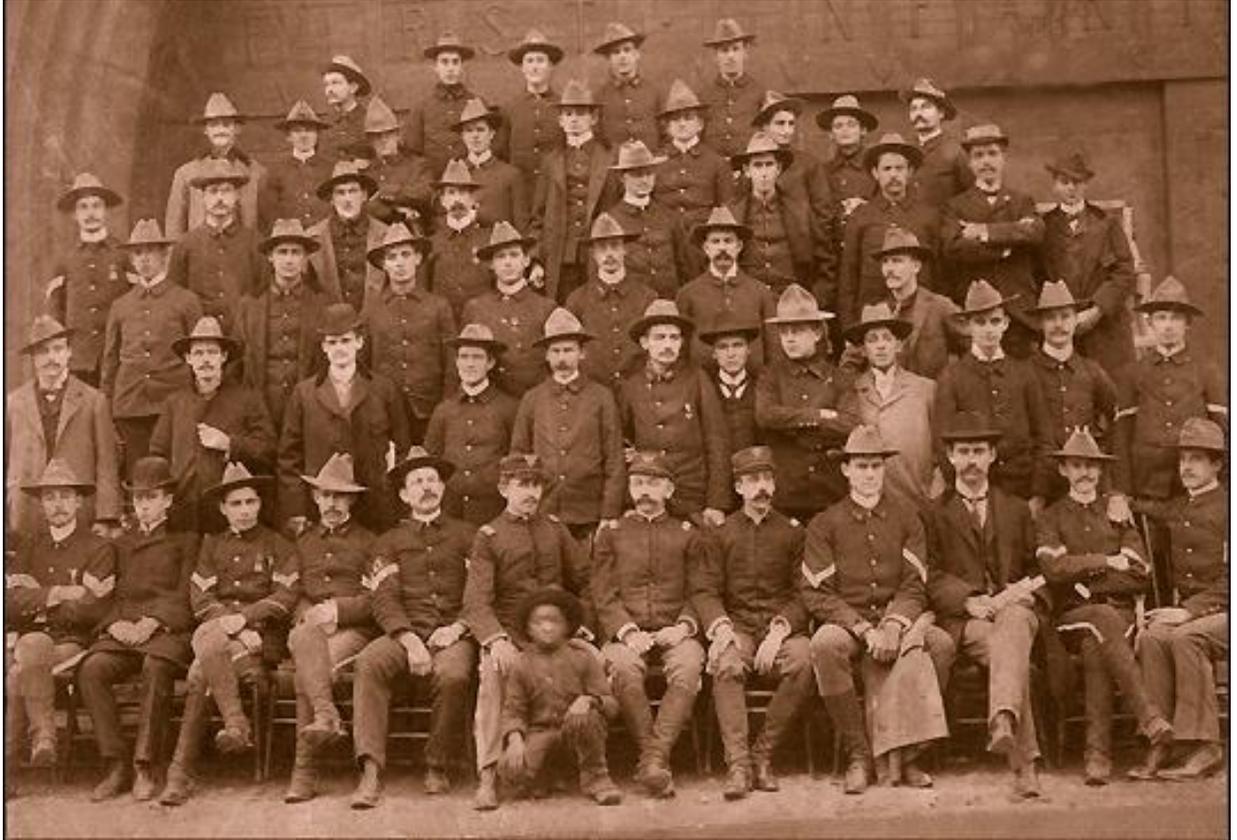
In preparation for the naming plate to be used for Cuba Road Bridge, there is attached the IDOT standard for name plates and examples of the bridge name plate in Barrington Hills, including the previous one.

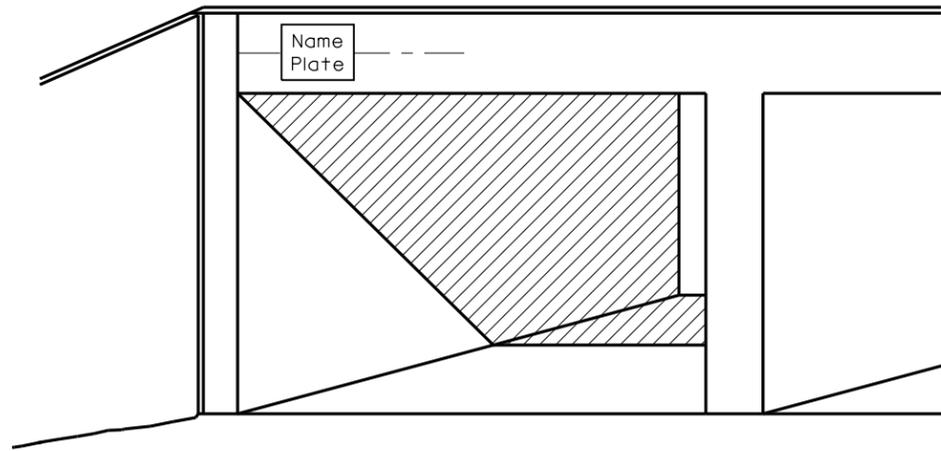
The existing name plate for Cuba Road Bridge is five (5) lines. If an additional text is proposed as discussed at the Roads and Bridges Committee meeting (3/17) such details as a name can be pursued within the parameters of the IDOT standards.

It was further discussed at the Committee meeting of the consideration of a name such as Veterans Crossing. There is significant historical basis for the reference to the US Arm Forces as associate with the name of Cuba Township and the First Illinois Volunteer Regiment Infantry and Calvary that served in the Spanish American War.

The name and the process may be brought forward to the BOT for comment to a report of the Roads & Bridges Committee.

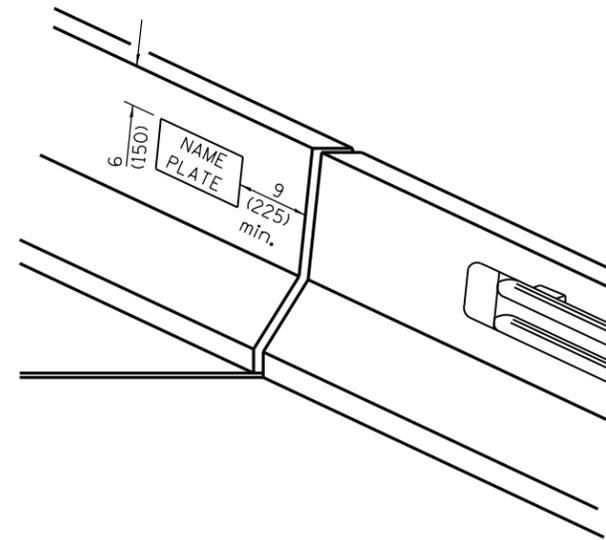




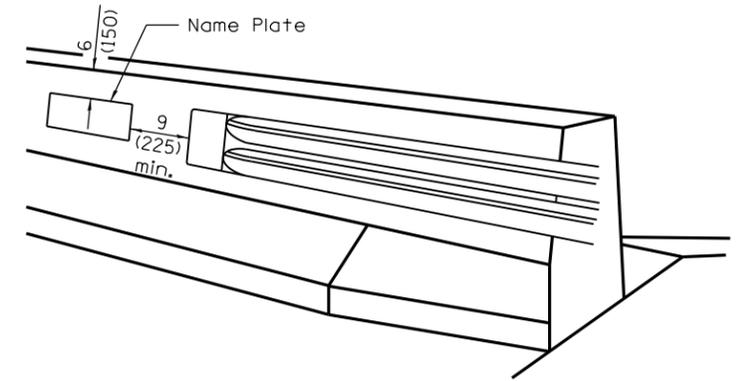


**FOR MULTI-SPAN CULVERTS**

(Unless otherwise noted on the plans, name plates are not required for structures less than 20' (6.1 m) in length)

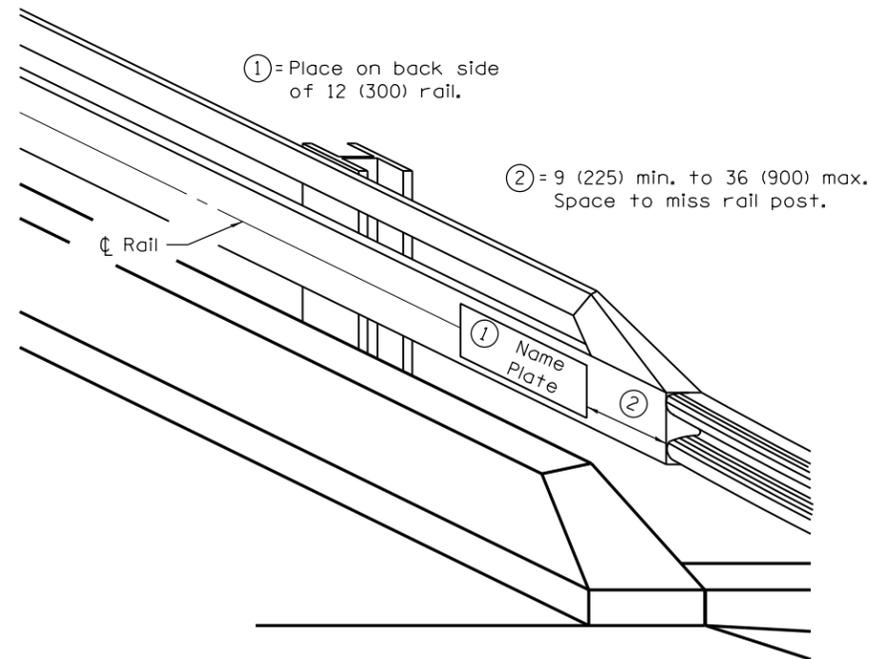


**FOR PARAPET AND END POST MOUNTED**

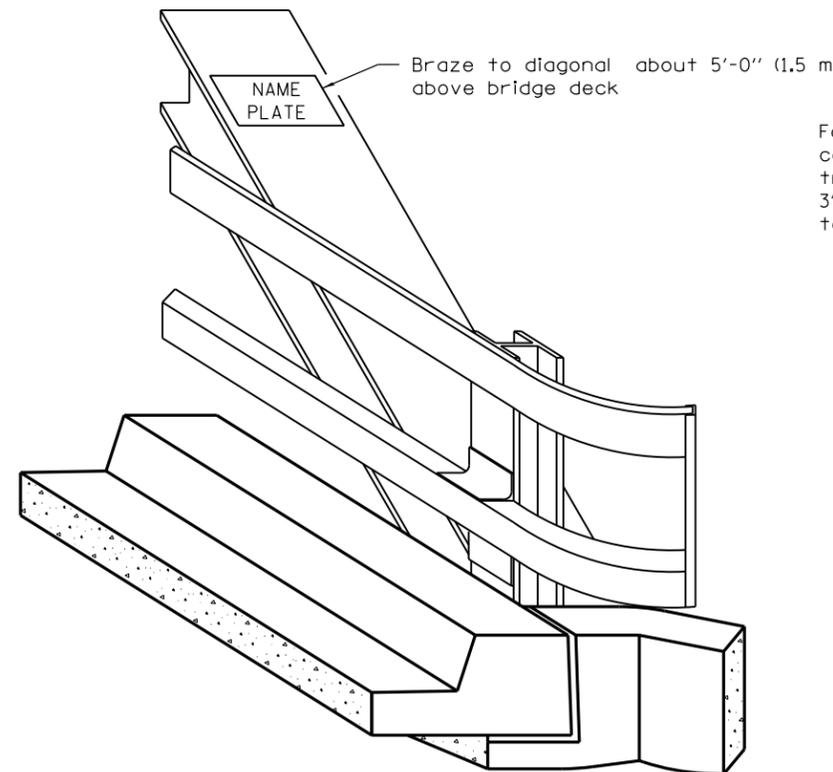


**FOR PARAPET**

(When Dog Ear Wing is used)



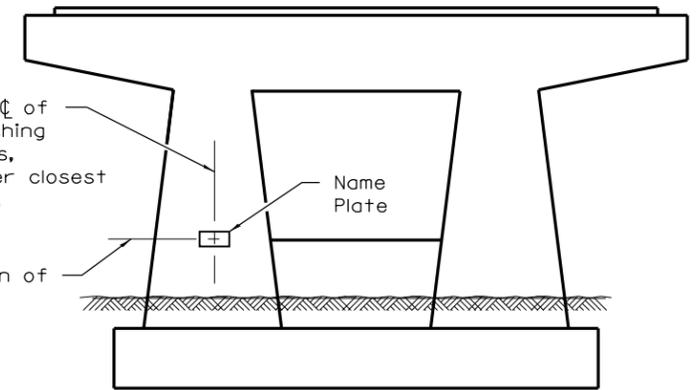
**FOR STEEL RAILS**



**FOR TRUSSES**

For column type piers,  $\phi$  of column nearest approaching traffic. For solid piers, 3'-0"  $\pm$  from end of pier closest to approaching traffic.

4'-0"  $\pm$  above crown of roadway elevation.



**FOR PIERS ON FAI ROUTES**

**GENERAL NOTES**

On one-way traffic structures, place name plate on right side of approach end. On two-way traffic structures, place name plate on right side of approach end while looking in the direction of increasing stationing.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

APPROVED January 1, 2009  
*Ralph E. Anderson*  
 ENGINEER OF BRIDGES AND STRUCTURES

APPROVED January 1, 2009  
*Lee E. Han*  
 ENGINEER OF DESIGN AND ENVIRONMENT

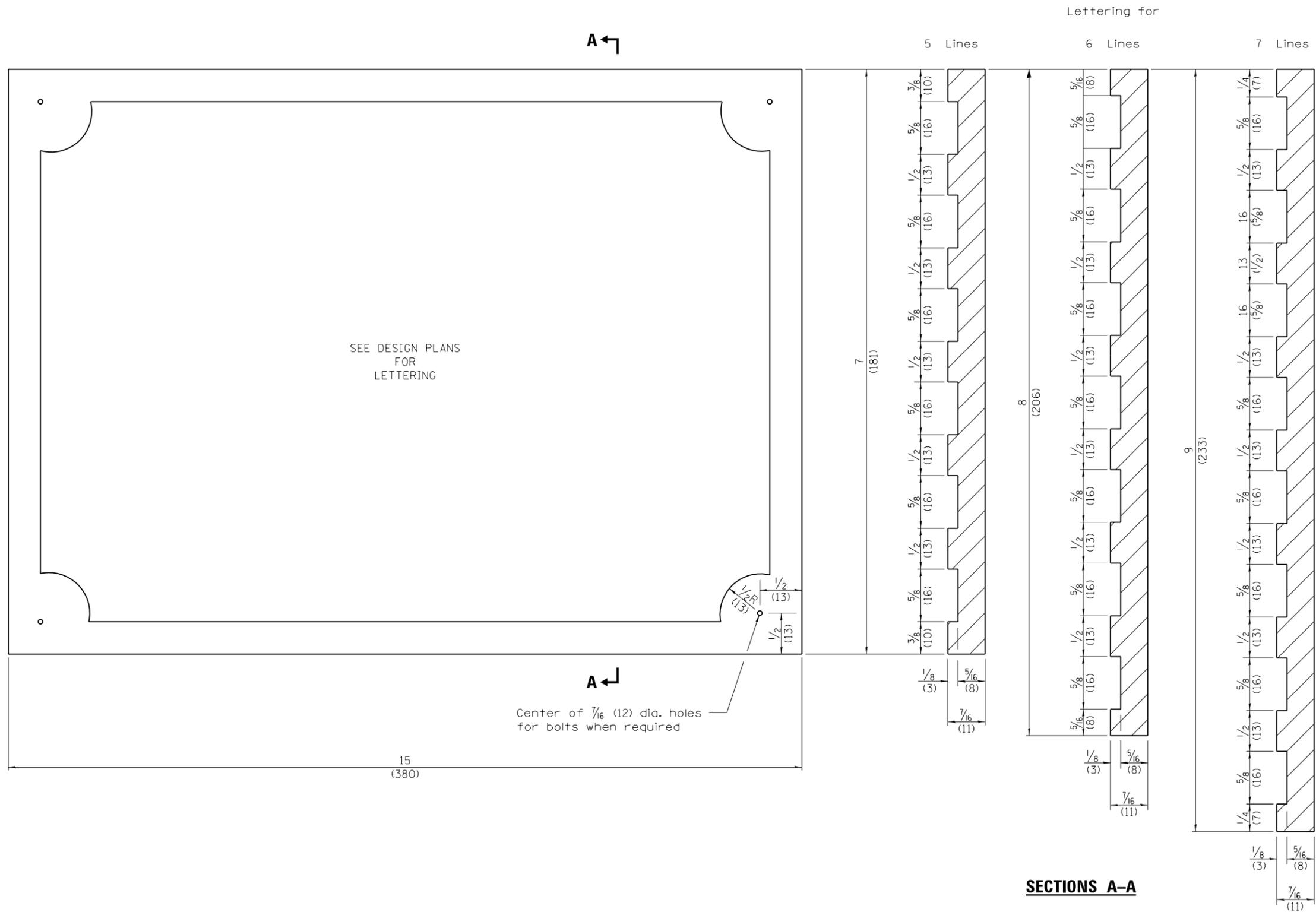
ISSUED 1-1-97

DATE	REVISIONS
1-1-09	Switched units to English (metric). Added pier detail.
1-1-02	Remove Placing: note on sht. 2. Added Braze to diag. note on sht. 1.

**NAME PLATE FOR BRIDGES**

(Sheet 1 of 2)

**STANDARD 515001-03**



NOTE  
 Border and lettering:  
 Raised  $\frac{1}{8}$  (3), square cut and not tapered.

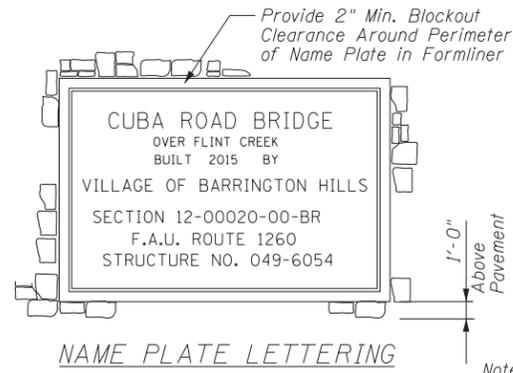
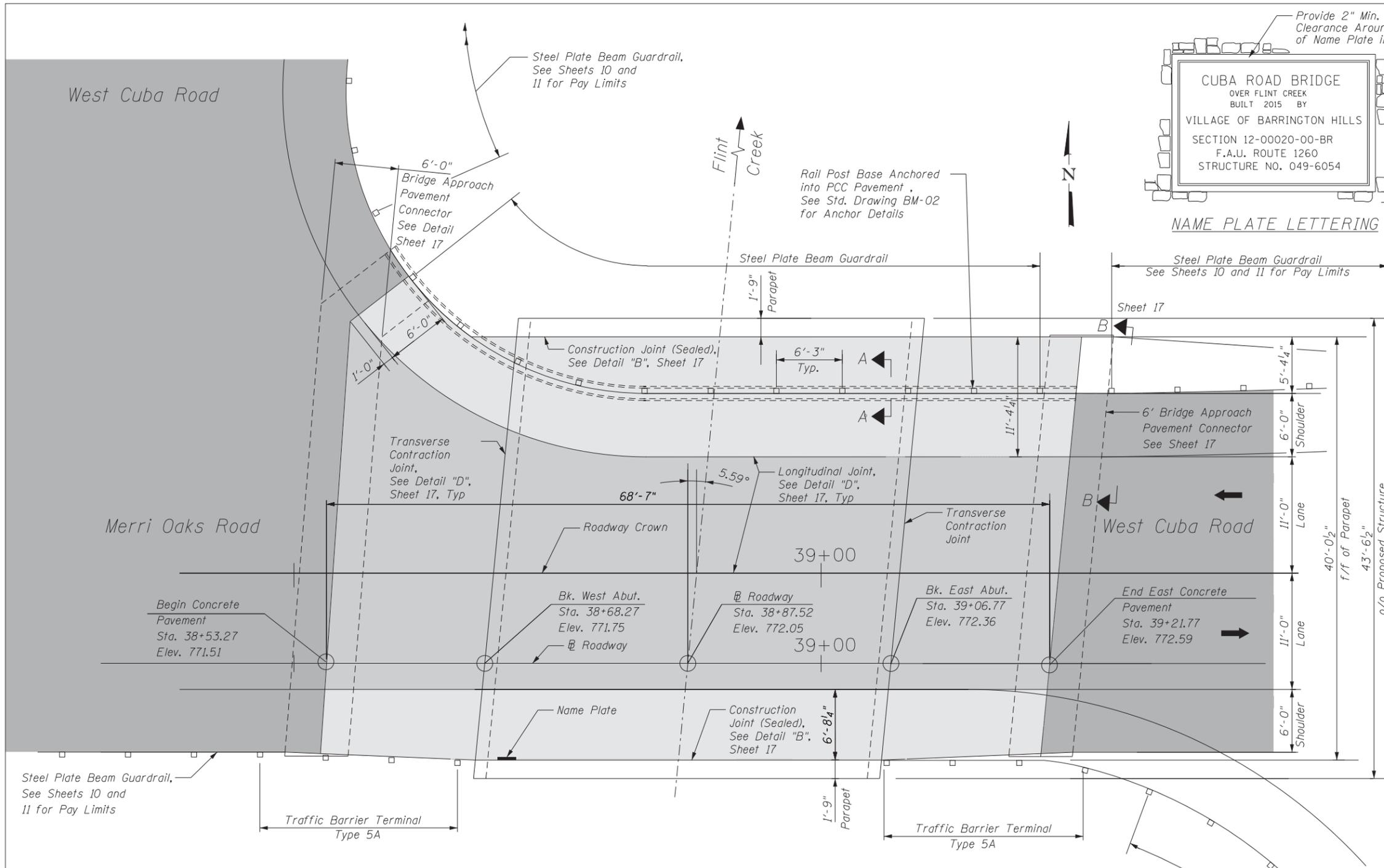
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 APPROVED January 1, 2009  
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*Ken E. Han*  
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

**NAME PLATE  
FOR BRIDGES**

(Sheet 2 of 2)

**STANDARD 515001-03**



**Note:**

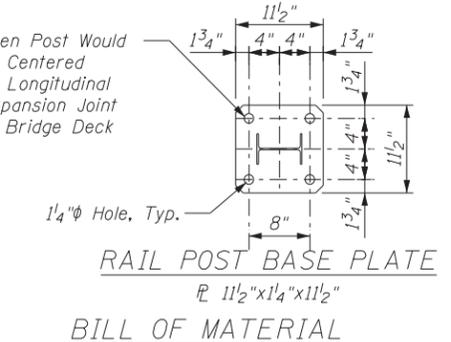
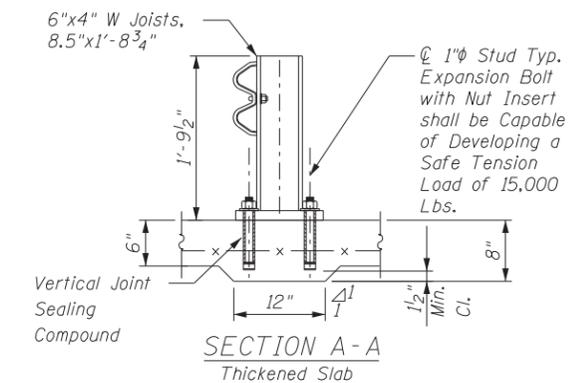
For Details of rail elements, rail Splice, nut, bolt and side view of rail, See IDOT Std. 2230-2.

All welds shall be ground smooth.

Posts shall be cut and welded to the base plate so that the post will be plumb when erected.

Two percent (2%) of all anchor bolts shall be test loaded in place, minimum test loads = 8 kips, if one anchor bolt fails during load test, two other anchor bolts shall be tested in that same connection. Load test to be witnessed by Engineer.

Provide 1/8" and 2/16" galvanized shim for 25% of the posts.



Item	Unit	Quantity
Subbase Granular Material, Type B, Varies	Sq. Yd.	3050
Bridge Approach Pavement Connector (Flexible)	Sq. Yd.	59
Cont. Reinforced Portland Cement Concrete Pavement, 8"	Sq. Yd.	182
Pavement Reinforcement	Sq. Yd.	182
Portland Cement Concrete Pavement	Sq. Yd.	127
Pavement Fabric, 6"	Sq. Yd.	127
Silane Surface Sealer	Sq. Yd.	309
Preformed Joint Filler	Foot	77
Bridge Name plate	Each	1
Joint Sealant	Foot	289
Steel Plate Beam Guard Rail	Foot	67
Traffic Barrier Terminal, Type 5A	Each	2
Geotechnical Fabric For Ground Stabilization	Sq. Yd.	193

Notes: For Bridge Cross Sections, Bridge Approach Pavement Connector, Sealant Details, Detail "B", Detail "D" and Partial Section B-B, See Sheet 17.



**LEGEND:**

[Dark Gray Box]	Bituminous Pavement
[Medium Gray Box]	New CRC Pavement 8"
[Light Gray Box]	New PCC Pavement 6"

Steel Plate Beam Guardrail, See Sheets 10 and 11 for Pay Limits